

Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1997

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹						
All degree fields, total	10,585,600	2,904,700	1,560,700	6,343,700	2,164,600	3,588,300
Male	7,037,600	2,172,200	774,600	4,324,800	1,499,400	2,253,600
Female	3,548,000	732,500	786,100	2,018,900	665,100	1,334,800
S&E degree fields, total	7,704,000	2,374,000	1,038,900	4,611,800	1,733,100	2,163,700
Male	5,119,400	1,790,400	507,100	3,110,500	1,209,900	1,320,700
Female	2,584,500	583,600	531,800	1,501,200	523,200	843,000
Sciences, total	5,794,700	1,431,800	958,900	3,510,600	1,246,600	1,768,600
Male	3,382,800	933,800	436,900	2,101,100	777,300	958,900
Female	2,411,900	498,000	522,000	1,409,500	469,300	809,700
Computer/math sciences, total	1,003,300	311,000	140,700	508,100	557,000	130,600
Male	678,500	228,000	70,900	346,900	388,100	89,300
Female	324,800	83,000	69,800	161,200	169,000	41,300
Computer/information sciences	543,800	189,700	26,000	264,200	390,400	44,100
Male	388,700	144,800	14,900	185,900	281,900	32,000
Female	155,000	44,900	11,200	78,300	108,500	12,100
Mathematical sciences	459,500	121,300	114,700	243,900	166,600	86,500
Male	289,700	83,300	56,000	161,000	106,100	57,300
Female	169,800	38,000	58,700	82,900	60,500	29,200
Life/related sciences, total	1,204,700	373,500	221,700	695,700	141,500	413,200
Male	722,600	227,400	110,600	438,900	83,400	243,700
Female	482,000	146,100	111,200	256,800	58,000	169,500
Agricultural/food sciences	218,700	54,500	24,200	155,600	23,300	79,900
Male	163,800	38,000	12,600	123,200	16,300	63,000
Female	54,900	16,500	11,600	32,400	6,900	16,900
Biological sciences	889,100	294,200	188,300	478,700	104,400	299,400
Male	487,300	171,300	92,600	269,700	57,700	155,100
Female	401,800	122,900	95,700	209,000	46,600	144,200
Environmental life sciences	96,900	24,900	9,300	61,500	13,800	33,900
Male	71,500	18,200	5,400	46,000	9,400	25,500
Female	25,400	6,700	3,900	15,500	4,400	8,400
Physical/related sciences, total	619,200	284,700	89,100	318,900	122,800	147,100
Male	487,400	232,300	61,800	258,000	98,200	113,800
Female	131,800	52,300	27,300	60,900	24,600	33,300
Chemistry, except biochemistry	275,100	130,100	38,400	143,300	37,700	59,500
Male	198,000	97,400	24,900	107,300	26,400	41,700
Female	77,100	32,700	13,400	36,000	11,300	17,800
Earth science, geology and oceanography	146,900	57,300	18,100	85,600	30,900	44,600
Male	122,200	47,800	13,200	72,900	24,900	37,700
Female	24,700	9,500	4,900	12,600	6,100	6,900
Physics/astronomy	144,100	81,700	21,300	58,600	45,900	26,600
Male	129,900	75,200	18,300	53,300	41,000	23,600
Female	14,200	6,500	3,000	5,400	4,900	3,000

See explanatory information, if any, and SOURCE at end of table.

Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1997

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹ — continued						
Other physical sciences	53,000	15,600	11,300	31,400	8,200	16,400
Male	37,200	11,900	5,300	24,500	5,900	10,900
Female	15,800	3,700	6,000	6,900	2,300	5,600
Social/related sciences, total	2,967,600	462,600	507,400	1,987,900	425,400	1,077,700
Male	1,494,300	246,100	193,600	1,057,300	207,700	512,100
Female	1,473,300	216,500	313,800	930,600	217,700	565,600
Economics	402,800	66,700	31,900	311,700	72,300	110,400
Male	309,600	49,600	21,400	243,200	50,500	86,300
Female	93,200	17,100	10,500	68,600	21,800	24,100
Political/related sciences	558,700	91,300	61,800	415,000	76,800	172,100
Male	357,900	58,500	35,700	268,300	40,500	106,500
Female	200,700	32,800	26,100	146,800	36,300	65,600
Psychology	1,112,800	160,100	228,400	680,400	144,400	483,500
Male	425,500	70,600	63,900	277,400	61,500	176,000
Female	687,300	89,400	164,500	403,000	82,900	307,500
Sociology/anthropology	558,600	81,300	102,500	373,200	78,400	204,500
Male	228,600	37,200	33,000	159,000	25,400	82,700
Female	330,000	44,100	69,500	214,300	53,000	121,800
Other social sciences	334,800	63,200	82,800	207,500	53,400	107,300
Male	172,700	30,000	39,600	109,600	29,800	60,600
Female	162,100	33,100	43,200	98,000	23,500	46,700
Engineering, total	1,909,200	942,200	79,900	1,101,200	486,500	395,100
Male	1,736,600	856,600	70,200	1,009,400	432,500	361,800
Female	172,600	85,600	9,700	91,800	53,900	33,300
Aerospace/related engineering	77,400	35,000	5,400	42,400	19,800	19,800
Male	72,200	32,100	5,200	39,400	18,400	18,700
Female	5,200	2,900	100	3,000	1,400	1,100
Chemical engineering	138,400	77,200	4,300	79,300	22,100	33,000
Male	115,100	65,500	3,300	65,400	16,900	28,700
Female	23,300	11,700	1,100	13,900	5,200	4,300
Civil/architectural engineering	322,300	127,700	10,800	222,800	55,200	90,400
Male	290,400	113,000	9,500	205,200	46,900	80,700
Female	31,900	14,700	1,200	17,600	8,300	9,700
Electrical/related engineering	582,100	312,000	20,300	287,200	234,900	82,700
Male	541,200	290,900	18,400	267,500	214,900	78,500
Female	40,900	21,100	1,900	19,600	20,000	4,200
Industrial engineering	105,400	35,600	8,000	73,800	25,700	23,600
Male	87,100	28,600	7,100	61,300	20,000	20,800
Female	18,300	7,000	1,000	12,500	5,700	2,800
Mechanical engineering	386,100	220,900	14,700	218,600	68,500	73,100
Male	365,000	208,100	13,500	208,600	62,700	69,900
Female	21,000	12,800	1,200	10,000	5,800	3,200

See explanatory information, if any, and SOURCE at end of table.

Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1997

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
All degree levels¹ — continued						
Other engineering	297,500	133,900	16,300	177,200	60,300	72,400
Male	265,600	118,400	13,100	162,000	52,800	64,500
Female	31,900	15,500	3,300	15,200	7,500	7,900
Non-S&E degrees, total	2,881,700	530,700	521,800	1,732,000	431,500	1,424,600
Male	1,918,200	381,700	267,500	1,214,200	289,600	932,900
Female	963,500	148,900	254,300	517,700	141,900	491,700
Bachelor's						
All degree fields, total	6,193,700	1,624,300	669,600	3,947,600	1,492,000	1,759,300
Male	4,056,500	1,206,100	279,600	2,635,000	1,010,100	1,094,500
Female	2,137,200	418,200	389,900	1,312,600	481,900	664,900
S&E degree fields, total	5,683,700	1,466,700	625,500	3,648,400	1,298,100	1,629,700
Male	3,709,600	1,082,300	260,000	2,426,300	880,100	1,018,900
Female	1,974,100	384,400	365,500	1,222,100	418,000	610,800
Sciences, total	4,303,400	843,700	582,500	2,811,100	959,500	1,316,600
Male	2,453,600	517,400	222,800	1,659,000	579,000	730,300
Female	1,849,800	326,200	359,600	1,152,100	380,500	586,300
Computer/math sciences, total	721,600	200,800	79,200	381,500	411,900	101,900
Male	474,600	143,600	33,200	253,600	281,600	68,900
Female	246,900	57,200	46,100	127,900	130,300	33,100
Computer/information sciences	385,000	129,600	12,100	188,800	286,700	30,600
Male	269,500	96,600	6,200	130,100	204,600	22,000
Female	115,500	33,000	6,000	58,600	82,100	8,600
Mathematical sciences	336,600	71,200	67,100	192,800	125,200	71,300
Male	205,200	47,100	27,000	123,400	77,000	46,900
Female	131,400	24,100	40,100	69,300	48,200	24,400
Life/related sciences, total	884,500	205,600	131,100	558,700	108,900	327,400
Male	515,700	114,600	55,000	347,900	63,000	192,700
Female	368,800	91,000	76,100	210,800	45,900	134,700
Agricultural/food sciences	175,200	31,800	15,300	131,800	18,500	70,200
Male	130,600	20,600	6,200	104,900	12,900	55,800
Female	44,600	11,300	9,200	26,900	5,600	14,400
Biological sciences	634,500	158,400	110,100	377,200	79,500	230,000
Male	328,900	82,900	45,200	205,200	42,500	115,400
Female	305,600	75,400	64,800	172,100	37,000	114,600
Environmental life sciences	74,800	15,400	5,700	49,600	10,900	27,300
Male	56,200	11,100	3,600	37,800	7,600	21,600
Female	18,500	4,300	2,100	11,900	3,300	5,700
Physical/related sciences, total	381,900	139,400	41,000	222,100	80,200	106,300
Male	292,800	108,600	25,200	177,700	63,400	81,300
Female	89,100	30,800	15,800	44,500	16,700	25,000
Chemistry, except biochemistry	176,100	66,700	18,200	101,300	28,500	45,800
Male	121,300	46,300	10,600	73,900	19,600	31,000
Female	54,800	20,400	7,600	27,500	8,900	14,800

See explanatory information, if any, and SOURCE at end of table.

Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1997

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Bachelor's — continued						
Earth science, geology and oceanography	96,300	29,900	8,300	63,300	20,500	30,500
Male	80,700	24,300	6,000	54,500	17,100	26,100
Female	15,600	5,700	2,300	8,800	3,400	4,400
Physics/astronomy	68,800	32,400	6,600	32,300	25,700	16,400
Male	62,300	29,900	5,400	29,500	23,300	14,900
Female	6,500	2,500	1,200	2,800	2,300	1,500
Other physical sciences	40,700	10,500	7,900	25,200	5,500	13,700
Male	28,600	8,100	3,300	19,800	3,400	9,400
Female	12,200	2,300	4,700	5,400	2,100	4,400
Social/related sciences, total	2,315,500	297,900	331,000	1,648,700	358,400	780,900
Male	1,170,500	150,600	109,400	879,900	171,000	387,400
Female	1,145,000	147,300	221,600	768,900	187,500	393,500
Economics	337,300	40,700	15,600	272,700	60,200	96,100
Male	258,800	28,800	9,200	212,700	40,700	75,900
Female	78,500	11,900	6,400	60,000	19,400	20,200
Political/related sciences	476,100	67,100	44,300	361,300	68,200	146,000
Male	302,400	41,100	23,300	233,300	34,800	90,800
Female	173,700	26,000	21,000	128,100	33,400	55,200
Psychology	750,000	92,600	138,600	506,800	115,800	265,400
Male	279,800	37,800	31,600	202,400	49,100	97,700
Female	470,200	54,800	107,000	304,400	66,700	167,800
Sociology/anthropology	496,300	56,700	79,800	342,800	71,900	187,900
Male	196,900	23,300	21,400	142,900	22,600	75,300
Female	299,400	33,400	58,400	200,000	49,300	112,600
Other social sciences	255,900	40,800	52,700	165,100	42,400	85,500
Male	132,600	19,600	23,800	88,600	23,800	47,800
Female	123,300	21,300	28,900	76,500	18,600	37,700
Engineering, total	1,380,300	623,000	43,000	837,300	338,600	313,100
Male	1,256,000	564,900	37,100	767,300	301,000	288,600
Female	124,300	58,100	5,900	69,900	37,600	24,500
Aerospace/related engineering	55,200	22,800	3,400	32,200	13,000	16,400
Male	50,900	20,500	3,300	29,400	11,900	15,300
Female	4,400	2,300	100	2,800	1,100	1,000
Chemical engineering	102,100	51,900	1,800	62,000	15,800	27,600
Male	82,200	42,300	1,100	49,800	11,200	23,800
Female	19,900	9,600	800	12,200	4,600	3,700
Civil/architectural engineering	243,800	88,000	5,800	173,500	41,000	67,700
Male	219,800	77,000	5,200	160,100	34,600	60,600
Female	23,900	11,000	600	13,300	6,400	7,100
Electrical/related engineering	413,200	201,200	10,900	214,500	165,600	69,300
Male	384,400	187,900	9,900	198,700	152,800	66,200
Female	28,800	13,300	1,000	15,700	12,800	3,100

See explanatory information, if any, and SOURCE at end of table.

Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1997

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Bachelor's — continued						
Industrial engineering	79,300	23,500	4,900	58,100	17,300	19,700
Male	65,800	19,000	4,500	48,100	13,600	17,500
Female	13,500	4,500	400	10,000	3,600	2,200
Mechanical engineering	308,500	168,700	8,800	184,200	50,600	62,800
Male	292,000	158,900	7,800	176,000	46,000	60,400
Female	16,500	9,800	1,000	8,300	4,600	2,400
Other engineering	178,200	66,900	7,300	112,800	35,300	49,600
Male	160,900	59,300	5,300	105,300	31,000	44,800
Female	17,300	7,600	2,000	7,600	4,400	4,800
Non-S&E degrees, total	510,000	157,600	44,100	299,200	193,900	129,600
Male	346,900	123,800	19,700	208,700	130,100	75,600
Female	163,100	33,800	24,500	90,600	63,800	54,000
Master's						
All degree fields, total	2,819,800	779,500	545,300	1,656,600	572,100	877,300
Male	1,800,500	575,700	246,200	1,127,600	406,200	461,900
Female	1,019,300	203,800	299,100	529,000	165,900	415,400
S&E degree fields, total	1,431,600	531,400	227,000	754,000	366,800	393,800
Male	960,000	407,800	107,800	523,800	271,800	211,200
Female	471,600	123,600	119,100	230,300	95,000	182,600
Sciences, total	1,001,000	286,400	211,100	524,300	238,800	323,500
Male	571,600	186,100	94,200	314,100	158,800	148,800
Female	429,400	100,300	116,900	210,200	80,000	174,800
Computer/math sciences, total	244,700	84,900	43,100	118,200	134,200	25,400
Male	172,100	62,700	22,100	86,100	97,000	17,600
Female	72,500	22,200	21,000	32,100	37,200	7,900
Computer/information sciences	148,800	53,100	10,700	72,900	99,600	13,100
Male	110,900	42,300	6,200	53,500	73,800	9,700
Female	37,900	10,800	4,500	19,400	25,900	3,400
Mathematical sciences	95,800	31,800	32,400	45,300	34,600	12,400
Male	61,200	20,400	15,900	32,600	23,200	7,900
Female	34,600	11,400	16,500	12,700	11,400	4,500
Life/related sciences, total	156,600	57,100	39,800	76,600	22,000	48,300
Male	90,500	33,400	21,200	47,400	12,700	24,800
Female	66,100	23,700	18,600	29,200	9,300	23,500
Agricultural/food sciences	26,700	10,900	5,000	16,700	3,700	6,500
Male	19,100	7,500	3,200	12,200	2,700	4,600
Female	7,600	3,400	1,800	4,400	1,100	1,900
Biological sciences	112,500	40,000	32,500	50,200	15,700	36,100
Male	60,400	21,700	17,200	28,800	8,600	17,100
Female	52,100	18,300	15,300	21,400	7,100	19,000
Environmental life sciences	17,400	6,300	2,300	9,800	2,600	5,600
Male	11,000	4,100	800	6,400	1,500	3,000
Female	6,300	2,100	1,500	3,400	1,100	2,600

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Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1997

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Master's — continued						
Physical/related sciences, total	114,500	55,000	18,100	53,700	25,500	24,900
Male	86,300	43,900	10,600	41,700	19,200	19,000
Female	28,200	11,200	7,500	12,000	6,300	5,800
Chemistry, except biochemistry	36,500	18,200	7,200	17,600	4,200	5,100
Male	23,500	12,200	3,600	12,300	2,400	3,700
Female	13,000	6,000	3,600	5,200	1,700	1,400
Earth science, geology and oceanography	34,400	14,900	4,400	17,300	7,900	11,700
Male	27,000	12,300	2,400	14,000	5,400	9,500
Female	7,400	2,600	1,900	3,300	2,500	2,200
Physics/astronomy	33,200	18,000	3,600	13,400	11,000	5,600
Male	28,600	16,500	2,800	11,300	9,000	4,600
Female	4,600	1,500	700	2,100	2,000	1,100
Other physical sciences	10,500	4,000	2,900	5,300	2,500	2,400
Male	7,300	2,900	1,700	4,000	2,400	1,300
Female	3,200	1,100	1,200	1,400	100	1,100
Social/related sciences, total	485,300	89,400	110,100	275,800	57,100	225,000
Male	222,700	46,100	40,300	138,900	29,900	87,300
Female	262,600	43,200	69,800	136,800	27,200	137,600
Economics	44,000	11,300	6,600	31,200	10,300	10,200
Male	32,700	8,700	3,700	23,800	8,100	7,000
Female	11,200	2,600	2,900	7,400	2,100	3,200
Political/related sciences	66,000	15,600	8,000	47,400	8,000	22,000
Male	42,300	10,600	4,700	29,900	5,100	12,600
Female	23,800	5,000	3,300	17,500	2,900	9,400
Psychology	271,500	37,700	65,100	135,800	24,200	162,200
Male	98,100	15,900	18,100	55,100	9,400	51,600
Female	173,300	21,800	47,000	80,700	14,800	110,600
Sociology/anthropology	39,500	10,900	9,300	23,500	4,800	12,000
Male	18,200	5,400	3,400	12,100	1,700	4,900
Female	21,300	5,400	5,900	11,400	3,100	7,100
Other social sciences	64,300	14,000	21,100	37,900	9,800	18,600
Male	31,300	5,400	10,400	18,000	5,500	11,200
Female	33,000	8,500	10,700	19,900	4,300	7,500
Engineering, total	430,600	244,900	15,800	229,700	128,000	70,300
Male	388,400	221,700	13,600	209,700	113,000	62,400
Female	42,200	23,300	2,200	20,100	15,000	7,800
Aerospace/related engineering	18,200	8,800	1,400	9,100	5,600	3,200
Male	17,400	8,200	1,400	8,900	5,300	3,100
Female	800	600	S	200	300	100
Chemical engineering	23,000	15,200	500	11,800	4,400	3,800
Male	20,300	13,700	400	10,300	4,000	3,300
Female	2,700	1,600	100	1,500	400	500

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Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1997

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Master's — continued						
Civil/architectural engineering	69,200	33,400	1,500	46,100	12,600	20,600
Male	61,800	30,100	1,200	41,900	10,800	18,200
Female	7,400	3,300	400	4,200	1,800	2,500
Electrical/related engineering	142,700	90,800	4,200	63,600	62,400	11,200
Male	131,900	84,200	3,600	59,900	55,800	10,200
Female	10,700	6,600	600	3,600	6,600	1,000
Industrial engineering	22,800	10,000	1,800	14,600	7,700	3,500
Male	18,700	7,800	1,500	12,200	5,700	3,200
Female	4,100	2,200	200	2,300	2,000	300
Mechanical engineering	65,800	42,700	3,300	31,200	15,200	9,100
Male	61,700	40,000	3,200	29,600	14,100	8,400
Female	4,100	2,700	100	1,600	1,100	700
Other engineering	89,100	43,900	3,100	53,500	20,000	18,800
Male	76,600	37,600	2,400	46,800	17,100	16,100
Female	12,500	6,400	700	6,700	2,900	2,700
Non-S&E degrees, total	1,388,200	248,100	318,300	902,600	205,300	483,500
Male	840,500	167,900	138,300	603,800	134,400	250,700
Female	547,700	80,200	180,000	298,800	70,900	232,800
Doctorate						
All degree fields, total	696,000	417,600	234,800	261,500	76,100	172,000
Male	528,000	328,900	171,300	199,500	63,900	114,800
Female	168,000	88,600	63,500	62,100	12,100	57,100
S&E degree fields, total	580,300	374,700	185,400	204,900	67,700	134,700
Male	446,000	299,500	138,400	158,300	57,800	88,600
Female	134,300	75,200	47,000	46,600	9,900	46,100
Sciences, total	482,000	300,300	164,300	170,900	47,900	122,900
Male	353,900	229,400	118,900	126,000	39,400	77,800
Female	128,200	71,000	45,400	44,900	8,500	45,100
Computer/math sciences, total	36,900	25,300	18,400	8,300	10,800	3,200
Male	31,500	21,700	15,600	7,200	9,400	2,700
Female	5,300	3,600	2,800	1,100	1,400	400
Computer/information sciences	9,700	7,000	3,200	2,500	4,000	400
Male	8,200	5,900	2,500	2,200	3,500	300
Female	1,600	1,100	700	300	500	100
Mathematical sciences	27,200	18,300	15,200	5,800	6,800	2,800
Male	23,400	15,800	13,100	5,000	5,900	2,500
Female	3,800	2,500	2,000	800	900	300
Life/related sciences, total	162,500	110,500	50,800	59,800	10,400	37,100
Male	115,400	79,100	34,400	43,000	7,700	25,900
Female	47,100	31,400	16,400	16,800	2,600	11,200
Agricultural/food sciences	16,800	11,800	3,900	7,000	1,000	3,200
Male	14,100	9,900	3,200	6,000	800	2,600
Female	2,700	1,900	700	1,100	200	600

See explanatory information, if any, and SOURCE at end of table.

Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1997

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate — continued						
Biological sciences	141,200	95,800	45,600	50,700	9,000	33,000
Male	97,300	66,600	30,100	35,300	6,600	22,500
Female	43,900	29,200	15,500	15,500	2,400	10,500
Environmental life sciences	4,500	3,000	1,200	2,000	300	1,000
Male	4,000	2,600	1,000	1,800	300	900
Female	500	300	200	200	S	100
Physical/related sciences, total	122,200	90,000	29,700	42,600	17,100	15,800
Male	107,700	79,700	25,700	38,100	15,600	13,400
Female	14,500	10,400	4,000	4,500	1,500	2,400
Chemistry, except biochemistry	62,500	45,200	12,900	24,400	5,000	8,600
Male	53,200	38,900	10,700	21,100	4,400	7,000
Female	9,300	6,300	2,200	3,300	700	1,600
Earth science, geology and oceanography	16,100	12,300	5,400	4,800	2,600	2,400
Male	14,300	11,000	4,800	4,200	2,400	2,100
Female	1,700	1,300	700	600	200	300
Physics/astronomy	41,800	31,400	10,800	12,500	9,300	4,400
Male	38,700	28,800	9,800	12,100	8,700	4,000
Female	3,000	2,500	1,000	500	600	400
Other physical sciences	1,800	1,200	500	900	200	300
Male	1,400	900	400	700	200	200
Female	400	300	100	100	S	100
Social/related sciences, total	160,500	74,500	65,500	60,200	9,700	66,900
Male	99,200	48,900	43,300	37,700	6,700	35,800
Female	61,300	25,600	22,200	22,500	2,900	31,100
Economics	21,500	14,700	9,800	7,800	1,900	4,100
Male	18,100	12,100	8,500	6,600	1,600	3,400
Female	3,500	2,600	1,300	1,200	300	700
Political/related sciences	16,500	8,600	9,600	6,400	700	4,100
Male	13,200	6,800	7,700	5,100	600	3,100
Female	3,300	1,800	1,900	1,200	100	1,000
Psychology	85,000	29,000	23,900	34,700	4,300	51,000
Male	45,700	16,600	13,600	19,000	3,000	25,200
Female	39,300	12,400	10,300	15,700	1,300	25,800
Sociology/anthropology	22,800	13,800	13,300	6,900	1,700	4,600
Male	13,500	8,500	8,100	4,000	1,100	2,500
Female	9,300	5,300	5,100	2,900	600	2,200
Other social sciences	14,600	8,300	8,900	4,500	1,100	3,100
Male	8,800	5,000	5,300	2,900	500	1,600
Female	5,900	3,300	3,600	1,600	600	1,500
Engineering, total	98,200	74,300	21,100	34,100	19,700	11,800
Male	92,100	70,100	19,500	32,300	18,400	10,800
Female	6,100	4,200	1,600	1,800	1,300	1,000

See explanatory information, if any, and SOURCE at end of table.

Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1997

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
Doctorate — continued						
Aerospace/related engineering	4,000	3,400	600	1,100	1,200	300
Male	4,000	3,400	600	1,100	1,200	300
Female	100	100	S	S	S	S
Chemical engineering	13,300	10,000	2,000	5,500	1,800	1,600
Male	12,600	9,500	1,800	5,300	1,700	1,500
Female	700	500	100	200	100	100
Civil/architectural engineering	9,400	6,300	3,400	3,200	1,600	2,100
Male	8,800	5,900	3,200	3,100	1,500	2,000
Female	600	400	300	100	100	100
Electrical/related engineering	26,300	20,000	5,300	9,100	6,800	2,200
Male	24,900	18,800	4,900	8,900	6,300	2,100
Female	1,400	1,200	300	300	600	100
Industrial engineering	3,300	2,000	1,300	1,200	700	400
Male	2,600	1,700	1,000	1,000	600	200
Female	700	300	300	200	100	200
Mechanical engineering	11,800	9,500	2,600	3,200	2,800	1,100
Male	11,400	9,200	2,500	3,100	2,600	1,000
Female	400	300	S	100	100	100
Other engineering	30,100	23,000	5,900	10,700	4,800	4,000
Male	27,900	21,600	5,400	9,900	4,600	3,600
Female	2,200	1,500	500	900	300	400
Non-S&E degrees, total	115,800	42,900	49,400	56,600	8,400	37,200
Male	82,000	29,400	32,900	41,100	6,100	26,200
Female	33,700	13,500	16,500	15,400	2,300	11,000

¹ Includes professional degrees

NOTES: The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who were employed in a S&E occupation during either the 1993, 1995 or 1997 SESTAT surveys. Figures are rounded to nearest hundred. Details may not add to total because of rounding. Sum of primary/secondary work activity categories exceeds total because of multiple responses.

KEY: S = Suppressed for reasons of confidentiality and/or data reliability

SOURCE: National Science Foundation/Science Resources Studies Division, 1997 SESTAT (Scientists and Engineers Statistical Data System)